

DETAILED ACTION

Allowable Subject Matter

1. Claims 11, 13, and 16 are allowed. The following is an examiner's statement of reasons for allowance: The prior art fails to disclose or to render obvious the claimed valving including a guide spring having two blind flat bottom openings that, by reducing the thickness of the spring at a weld region, assist in the weld-ability of the guide spring onto the plunger, thus requiring less energy to weld.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES HOGAN whose telephone number is (571)272-4902. The examiner can normally be reached on Mon-Fri, 6:30a-3:00p EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Len Tran can be reached on (571)272-1184. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. H./
Examiner, Art Unit 3752
10/07/11
/Len Tran/
Supervisory Patent Examiner, Art Unit 3752